

CLAIMS

What I Claim is:

1. An apparatus for cutting a potato into a thin continuous spiral slice comprising:

a fixed vertical blade attached to a blade support and angled horizontally from 15 degrees to 25 degrees from perpendicular to the centerline of the drive spindle with 20 degrees being optimal with the blade sharpened one side for cutting.

a adjustable pilot pin extending through a hole in the blade, in alignment with the drive spindle centerline and secured in its adjusted position by a lock nut; the pilot to position and support the potato at the immediate cutting edge of the blade.

a feed controlled rotary and forward motion through manual cranking of a 3/8" - 16 threaded spindle to produce a continuous spiral slice of .0625 inch thickness.

a drive nut guide holding the drive nut positions and actuates manually the drive nut to engage the drive spindle to cause forward motion of the drive spindle it being assembled internal to the drive support.

a four toothed driver located at the forward end of the drive spindle and secured by a lock nut; the driver penetrates the potato and transfers the forward and rotary motion of the hand cranked drive spindle to the potato thus forcing it into the sharp edge of the cutting blade.

a base for mounting the blade support and drive support sub-assemblies using four rubber support legs and two counter stop arms to stabilize the apparatus in use.